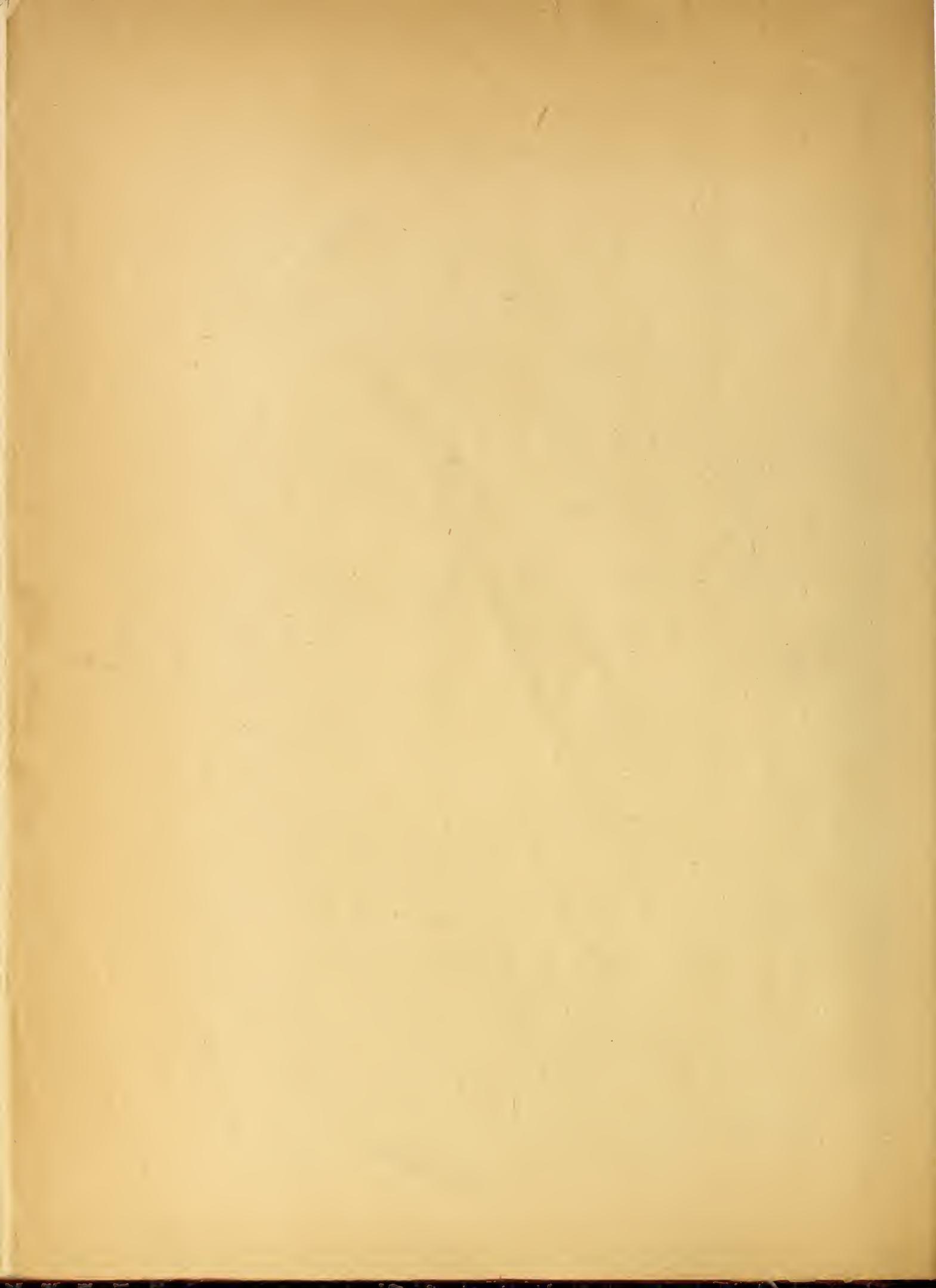


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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

I N S E C T P E S T S U R V E Y

Special Supplement

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VETCH BRUCHID SURVEY

June--July 1943

By Bureau of Entomology and Plant Quarantine in Cooperation
with State and Experiment Station Entomologists

A shortage in the supply of seed needed for the planting of hairy vetch as a cover crop in the Southeastern States has prompted the Food Production Administration to consider measures for encouraging the production of hairy vetch seed in certain of these States and in Michigan. It thus became advisable to determine whether or not the vetch bruchid, Bruchus brachialis Fahr., occurs in these present and prospective hairy vetch seed producing areas. A reconnaissance survey of vetch-growing counties in these States has therefore been made to secure such information as could be assembled while field conditions were still fairly favorable to the discovery of the bruchid if present.

From surveys made in previous years the vetch bruchid was already known to be present in all the Atlantic States from New Jersey to Georgia, inclusive. More recent surveys, including those during the current season, have revealed the presence of this insect in the following States and counties:

<u>Alabama</u>	<u>Idaho</u>	<u>Oregon</u>
Chambers	Latah	Benton
Lee	Nez Perce	Clackamas
Limestone		Columbia
Madison	<u>Washington</u>	Deschutes
Montgomery	Asotin	Hood River
Morgan	Clark	Lane
	Cowlitz	Marion
<u>Mississippi</u>	Garfield	Multnomah
Coahoma	Klickitat	Polk
Lowndes	Skamania	Umatilla
Quitman	Whitman	Wasco
		Washington
		Wallowa

Other counties where hairy vetch was reported to be grown were surveyed this year in the States listed above, and also in eastern, central and northern Arkansas, northern Louisiana, Michigan, central and eastern Oklahoma, and eastern Texas, with negative results. Surveys in vetch-growing districts of California have also been made in previous years without finding this bruchid.

